

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-15 08:59:13

Date of Next Testing: 2029-01-14 08:59:13

Product Name: **Polyglutamic Acid sodium salt(γ -PGA)**

CAS Number: 28829-38-1

Specifications & Purity: $\geq 92\%$

Lot #: A2612583

SKU #: **P1506123**

Version: **1**

Analysis #: **609187**

Storage Temperature: Store at 2-8°C, Protected from light, Desiccated

Parameter	Limit Values	Result
Purity(HPLC area)	92-100 (%)	94.50000 %
loss on drying(105°C, 2 h)	0-8 (%)	5.40000 %
Heavy metals	0-20 (ppm)	20.00000 ppm
Transmittance(5g/L in H ₂ O, 400nm)	95-100 (%)	98.10000 %
pH(10g/L, 25 °C)	5-7.5	6.20000
Total Plate Count	0-100(CFU/g)	55.00000 cfu/g
Molecular weight	≥ 2000 (kDa)	2005.53000 kDa
Appearance(White to off white granular or powder)	Pass	Pass



John Su
QA & QC Manager